

HWG – 13 Small Transport Aircraft



STATUS REPORT
TO
ATSRAC

ATSRAC Tasking



- **Task 1** - Review existing small transport airplane manufacturers' wiring inspection procedures.

ATSRAC Tasking

- **Task 2** - Identify and prepare, as necessary, criteria for upgrading and developing enhanced procedures for inspection, cleaning, reduction of combustible material (e.g., lint and chemical contamination), reduction of potential ignition sources (e.g., cracked wiring), and maintenance of the electrical wiring interconnection systems (EWIS) on small transport airplanes.

ATSRAC Tasking



- **Task 3** - Develop and recommend compliance means to adopt the criteria referenced in Task 2 and incorporate the enhanced wiring inspection procedures in operators' maintenance programs.

HWG-13 Members



- Authority Representation
 - FAA
 - JAA
 - TC
- OEM Representation
 - Bombardier
 - Cessna
 - Dassault
 - Gulfstream
 - Raytheon

HWG – 13 Members



- Repair Station Representation
 - DFS - France
 - Garrett Aviation
 - Jet Aviation - Switzerland
 - Midcoast Aviation
- Industry Organizations Representation
 - Aircraft Electronics Association (AEA)
 - National Business Aviation Association (NBAA)

HWG – 13 Members



- Owner / Operators
 - Altria Corporate Services, Inc.
 - Health South
 - Southern Company

Status

- OEM Data Gathering – Current Inspection Programs of each OEM
- OEM's are reviewing an older and newer generation aircraft
- The aspects of the review will consist of the following:
 - Where the inspection is performed
 - What is to be inspected
 - When is the inspection performed
 - How is the inspection to be performed

Status

- OEM's and Working Group are developing a review protocol to standardize Chapter-5-review information given to the Working Group (in final review stage)
- Currently, developing a standardized reporting format for the OEM's report to HWG-13
- Approximately 30% of total OEM Review is accomplished



Status

- OEM Report Timeline to HWG-13
 - Status Report to Working Group – January, 2004
 - Final Report to Working Group – April, 2004

STA Industry Awareness and Training Update

- AEA has developed aircraft wiring awareness training for technicians. This training presentation has been given several times since the disband of HWG-10 – 5 more presentations are scheduled over the next months
- During the NBAA Convention – NBAA sponsored an IA renewal with a section of the presentation allocated to aircraft wiring issues

STA Industry Awareness and Training Update



- During the NBAA Maintenance Managers Conference a presentation about ATSRAC was given and the need for improved awareness and training on aircraft wiring



Questions